

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/37530

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01L 23/48, 23/16, 21/58, 21/60; C08K 03/08

US CL : 257/777, 686; 437/209; 357/70; 252/511

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 257/777, 686; 437/209; 357/70; 252/511

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
H01L 23/16, 23/48, 23/52, 21/58; C09J 163/63/00

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- A	JP 2001-049220 A (NIPPON STEEL CHEM CO LTD) 20 February 2001 (20.02.2001), Abstract, Claims 1-5.	50-51 ----- 1-31, 33-34, 45-49
X --- Y	JP 2000-239627 A (SUMITOMO BAKELITE CO LTD) 05 September 2000 (05.09.2000), Abstract, Para 0005.	50-51 ----- 1-31, 33-34, 45-49
X --- Y	JP 2000-309768 A (KOREA ADV. INST. OF SCI. TECH), 07 November 2000 (07.11.2000), Abstract, Claims 1, 3, 5.	50-51 ----- 1-31, 33-34, 45-49
Y	US 6,224,690 B1 (ANDRICACOS et al) 01 May 2001 (01.05.2001), Column-6, Table-1.	5-6, 8-9, 11-12, 14-15, 17-18, 21-22,
Y	US 6,465,893 B1 (KHANDROS et al) 15 October 2002, (15.10.2002), Abstract, Fig-14,	1-31, 33-34, 45-49
Y	US 5,323,060 A (FOGAL et al) 21 June 1994 (21.06.1994), Abstract, Fig-1, Column-1, Lines 1-66.	1-31, 33-34, 45-49

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Date of the actual completion of the international search

01 April 2005 (01.04.2005)

Date of mailing of the international search report

14 APR 2005

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